

Docket No. 240523US20

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Roy L AX, et al.

SERIAL NO: 10/650,791

GAU: 1632

FILED: August 29, 2003

EXAMINER:

FOR: FERTILITY PREDICTION OF MAMMALIAN MALES AND POLYCLONAL ANTIBODIES FOR THE PREDICTION THEREOF

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Eckhard H. Kuesters

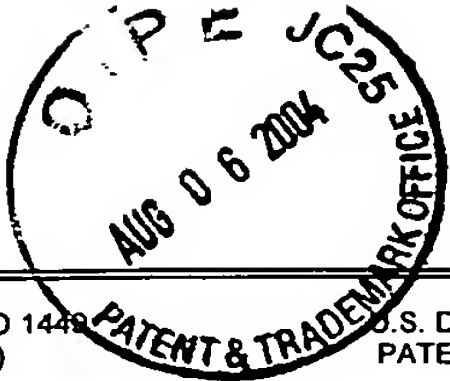
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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO.		SERIAL NO.	
				240523US20		10/650,791	
				APPLICANT Roy L AX			
LIST OF REFERENCES CITED BY APPLICANT				FILING DATE		GROUP	
				August 29, 2003		1632	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	6,245,577	06/12/01	McVicker, et al.			
	AB	2002/0048745	04/25/02	Zhang, et al.			
	AC	2001/0008764	07/19/01	Ax, et al.			
	AD	5,434,139	07/18/95	Ax, et al.			
	AE						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW	R.W. LENZ, et al., "PROTEOGLYCAN FROM BOVINE FOLLICULAR FLUID ENHANCES AN ACROSOME REACTION IN BOVINE SPERMATOZOA", Biochemical and Biophysical Research Communications, Vol. 106, No. 4, June 30, 1982, pp. 1098-1098					
	AX	P. MANJUNATH, et al., "PURIFICATION AND BIOCHEMICAL CHARACTERIZATION OF THREE MAJOR ACIDIC PROTEINS (BSP-A ₁ , BSP-A ₂ and BSP-A ₃) FROM BOVINE SEMINAL PLASMA", Biochem. J., Vol. 241, 1987, pp. 685-692					
	AY	T.C. McCAULEY, et al., "PURIFICATION AND CHARACTERIZATION OF FERTILITY-ASSOCIATED ANTIGEN (FAA) IN BOVINE SEMINAL FLUID", Molecular Reproduction and Development, 54, pp. 145-153, 1999					
	AZ	T.C. McCAULEY, et al., "IDENTIFICATION OF A HEPARIN-BINDING PROTEIN IN BOVINE SEMINAL FLUID AS TISSUE INHIBITOR OF METALLOPROTEINASES-2", Molecular Reproduction and Development, 58, pp. 336-341, 2001				<input checked="" type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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				FILING DATE August 29, 2003		GROUP 1632	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAR	B.K. DAVIS, "INHIBITORY EFFECT OF SYNTHETIC PHOSPHOLIPID VESICLES CONTAINING CHOLESTEROL ON THE FERTILIZING ABILITY OF RABBIT SPERMATOZOA", Proceedings of the Society for Experimental Biology and Medicine, 152, 1976, pp. 257-261					
	AAS	H.M. FLORMAN, et al., "REGULATION OF ACROSOMAL EXOCYTOSIS", Developmental Biology, 128, 1988, pp. 464-473					
	AAT	R.L. GERENA, et al., "IDENTIFICATION OF A FERTILITY-ASSOCIATED PROTEIN IN BULL SEMINAL PLASMA AS LIPOCALIN-TYPE PROSTAGLANDIN D SYNTHASE", Biology of Reproduction, 58, 1998, pp. 826-833					
	AAU	J.K. GRAHAM, et al., "ANALYSIS OF SPERM CELL VIABILITY, ACROSOMAL INTEGRITY, AND MITOCHONDRIAL FUNCTION USING FLOW CYTOMETRY", Biology of Reproduction, 43, 1990, pp. 55-64					
	AAV	G.J. KILLIAN, et al, "FERTILITY-ASSOCIATED PROTEINS IN HOLSTEIN BULL SEMINAL PLASMA", Biology of Reproduction, 49, 1993, pp. 1202-1207					
	AAW						
	AAX						
	AAZ						
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	BBC						
	BBD						
	BBE						
	BBF						
	BBG						
	BBH						
Examiner						Date Considered	
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